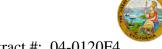
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: <u>SF/ALA</u> Rte: <u>80</u> PM: <u>13.2/13.9</u>

File #: 69.12

DAILY PROJECT JOURNAL

Prime Contractor: American Bridge/Fluor Enterprises, a JV Report No: DPJ-000422 **Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 02-Nov-2007

Location: Changxing Island, Shanghai, China			Dated: 02-Nov-2007		
Submittals(New / Total): CWR's: 0 / 28 HSR's: 0 / 10 NCR's: 0 / 11					
Item	Title	Detail			
1	Major component move	ment OBG Produc	OBG Production:		
		Fitting T-Sti	ffeners to OBG Bottom Plates.		
		77m Tower	77m Tower Mock-up:		
		Welding but	t splice on diaphragm flanges.		
		89m Tower	89m Tower Mock-up:		
		Tack weldin	Tack welding stiffener plates between diaphragms,		
		Welding Ski	Welding Skin Plate D splices,		
		Welding stif	fener plate butt splices.		
		114m Tower	· Mock-up:		
		No welding	observed.		
		Closed-rib V	Veld Trial:		
		ZPMC and 0	A performing visual inspection	n of Weld Trial #2. Areas of	
		undercut, inc	completely filled groove and exc	cessive reinforcement were	
		identified by	ZPMC.		
2	Meetings attended Caltrans me		with ABF and ZPMC at 1300 t	to discuss issues and the	
		schedule for	the next three days.		
		Batch 31 ma	terial is being reviewed by ABF	F (62 plates). Caltrans	
		verification	will begin tomorrow if accepted	by ABF.	
		ZPMC infor	med ABF that the UT of the AB	BF/ZPMC internal Stiffener Plate	
		to Skin Plate	e test (1 weld) was acceptable. 2	ZPMC stated they would like to	
		resume weld	ing of the Mock-up stiffeners.	ABF Level III Steve Lawton	
		stated ABF	would discuss this request interr	nally.	
		ABF stated t	hey would meet internally to di	scuss the results of Closed-rib	
		Weld Trial # with Caltran		ing, ABF may request a meeting	
		with Califali	~•		

ZPMC is currently cutting and machining macro-etch samples of the

DAILY PROJECT JOURNAL (Continued Page 2 of 2)

		Closed-rib PJP UT procedure. ZPMC UT technicians have expressed
		concerns about the 1st leg amplitude method. ABF Level III Steve Lawton
		stated they could meet to address these concerns. Mr. Lawton expressed
		there were issues with the condition of the equipment ZPMC is using.
		ZPMC asked how many more samples they would have to take. Mr.
		Lawton explained that this would depend on how development progresses.
		The results of the macro-etches should be available tomorrow, and ZPMC
		has prepared two additional welded samples for further UT development.
		Fit-up of the T-Stiffeners to the Bottom Plate is scheduled for Saturday and
		Sunday. Welding is scheduled for Monday.
3	Key conversations	ABF Level III Steve Lawton called QA in the evening and informed him
		that ABF was preparing a letter to detail the discrepancies found in
		Closed-rib Weld Trial #2. Mr. Lawton stated they would be submitting this
		trial as "a completed Weld Trial". Mr. Lawton stated this report would be
		available Monday afternoon and a meeting with Caltrans to discuss would
		be schedule either Monday or Tuesday.
4	Other important observations	Witnessed Bend Test for Welder Qualifications.
5	Quality Assurance Inspectors per shift	6 Day Shift (Acuna, Brannon, Hasler, Hernandez, McClendon, Viars)
		4 Swing Shift (Berger, Dixon, Franco, Smith)
Inspected By: McClary, David		Quality Assurance Inspector
Reviewed By: Lowry, Patrick		QA Reviewer